

## 深圳市安科讯实业有限公司

SHENZHEN ACT INDUSTRIAL CO., LTD.

### 印刷要求：

颜色：黑色双面印刷

材质：80克书纸

尺寸：130x180mm

装订方式：骑马钉

料号：2.01.011.0487

制作：肖小燕

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校对：

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审核：

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批准：

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## 10" (26cm) Portable TV and Photo Frame

### T2102B-User Manual





Should you encounter any problems, please contact the help line before you return this product back to the place of purchase.

**Contact our Toll Free Warranty  
Support Help Line**

**1300 366 144**

Email: [warrantyhelp@awa.com.au](mailto:warrantyhelp@awa.com.au)





Visit our web site for FAQ's or request for  
service

[www.awa.com.au](http://www.awa.com.au)



## Warning! Important Notes on Safety

Before you use this product, please read carefully the corresponding parts about the signs on the product you have bought and keep it properly for future reference.

<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: center;"> <p><b>Warning</b></p> <p>Electric shock, do not open</p> <p>Note: In order to reduce electric shock, please do not take off the cover.</p> <p>There is no component inside that users can maintain. .</p> <p>Please ask qualified maintenance personnel to conduct maintenance.</p> </div>  </div>	<div style="display: flex; flex-direction: column; align-items: center;">   </div> <div style="padding-left: 10px;"> <p>This sign indicates that there is dangerous high voltage inside, and it is dangerous to contact any component inside the product in any form.</p> <p>This sign prompts you to pay attention to the attached important notes on the operation and maintenance of the product.</p> </div>
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- The notches and holes inside the cabinet, on the back and at the bottom of the cabinet are designed to provide necessary ventilation.
- In order to ensure the reliable operation of this television and to prevent it from getting overheated, do not stop or cover these notches and holes.
  - Do not cover the notches and holes with cloth or other materials.
  - Do not put this television on bed, sofa, carpet, or on the surface of other similar object, in order to avoid causing the blockage of the notches and holes.
  - Do not put this television in a limited space, such as bookcase or embedded cupboard unless there is proper ventilation conduction.
  - Do not put this television in a limited space, such as bookcase or embedded cupboard unless there is proper ventilation conduction.
  - Please keep an interval of 10cm (4 inch) between this product and the wall.
  - In the process of use, this television may get slightly hot, and this is the normal condition and does not indicate that any failure occurs to it.
- Do not put this television near or above electric heater or heating plate, or a place with direct sunlight.
- Do not put heat-generation articles such as candle, ashtray, incense, flammable materials or explosive materials near this product.
- Do not place any container containing water on this television, which will lead to fire hazard or electric shock.
- Do not expose this television in the rain or somewhere near water (such as somewhere near bathtub, water basin, water trough in a kitchen or laundry pool, damp basement, or near swimming pool). If this television gets wet accidentally, please immediately unplug the power adapter, turn off the power switch of this television, and then contact the authorized distributor of this television for help. When cleaning the television, please use dry and soft cloth that does not contain any volatile material. Before cleaning, please make sure to unplug the power adapter and turn off power switch of this television.
- Do not overload socket on the wall, extended electric line or convenient socket, which will lead to fire hazard or electric shock.
- The power adapter should be laid in a position where it will not be trodden or be extruded by objects above or near it, and special attention should be paid to the electric lines at plug, convenient socket and the television lead-out.
- To better protect this television in thunder weather, unattended status or when it is unused for a long time, please remove the plug, and disconnect the antenna or the connection of the cable system. In this way, damage of the television in a thunder or when surge appears in power line can be prevented.

- Connect the power adapter to the front of AC socket. Please make sure that the output voltage of the AC socket complies with the input voltage of the power adapter of this television.
- Do not insert any metal object into the holes of this television. Otherwise it may lead to the danger of electric shock or the damage of the television.
- In order to avoid electric shock, do not contact the inside of this television. Only qualified technical personnel can open of the cover of this television.
- Please make sure to insert the power adapter firmly into the socket. When disconnecting the power adapter connection, please make sure to hold the outer cover of the power adapter, and then unplug the power adapter from the socket.
- If this television fails to operate normally, especially when it gives out abnormal sound or emits unusual odor, please immediately unplug the power adapter and turn off the power switch of this television, and then contact the authorized distributor or service center of this television.
- If this television is to be left unused for a long time or you leave home (especially when a child, elder or a disabled person is left at home alone), make sure to unplug the power adapter from the socket and turn off the power switch. If the remote controller is to be left unused for a long time, please take out the batteries and put it in a cool and dry place. The accumulated dust may make the input end of the power adapter emit sparks and heat or age in insulation, thereby causing electric shock, creepage or fire hazard.
- There are rechargeable batteries within the television. If the television is to be left unused for a long time, please make sure to conduct charge, discharge on the television once every three months.
- Avoid dropping the remote controller.
- When the television is moved to a warm environment from a low-temperature environment, in order for the dew within the television to fully volatilize and become dry, the television should be left unused for a period of time before powering on and turning it on.  
We strongly recommend you to use the original power adapter of our company.
- If the product is to be installed in an environment with much dust, high temperature or low temperature, high humidity and chemical materials, and in airport or railway station where the product is to be used 24 hours a day, please contact the authorized service center. Otherwise, the display may be seriously damaged, and the product may be seriously damaged.
- Please do not allow any child to play with this product.
- Please store the accessories in a place that children cannot get near or reach.
- Please do not put the product in an unstable position, such as rolling frame, slant ground or position influenced by external vibrations.
- Do not make the product fall or lashed. If this product is damaged, please disconnect the power adapter, turn off the power switch, and contact the service center.
- This television has a LCD; please do not press the screen at discretion to avoid causing screen breakage.
- Refer to description provided by manufacturer: For color LCD screen, the defect of 0.01% of pixels is allowed, so please understand that when finding related phenomenon..
- The quality of the received image and sound of this product is related to the local signal and use environment. If the receiving performance is found to be not so ideal, an outdoor antenna is recommended.
- This product is hot-swappable. However, it is suggested to power off this product before plugging/unplugging your memory card, to protect the memory card or other devices.

#### Precautions for Displaying Still Image

Static image may cause perpetual damage to the television screen.

- Avoid displaying static image on LCD flat panel for over 2 hours as this may cause remnant shadow to the screen.

This remnant shadow is also called Screen burn.

To avoid this type of remnant image shadow, please lower the luminance and contrast of the screen when displaying still image.

When watching LCD TV program in 4:3 format, there may be traces left on brims of images displayed on the right and left sides and in the middle due to different light emissions.

The damage caused by the above-mentioned factors is out of the scope of warranty.

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## GENERAL INFORMATION ABOUT THE T2102B

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T2102B is a portable digital TV set; it can be used in a car or outdoor. Throughout this manual you will notice that everyday operation of your T2102B is based on a series of user friendly on-screen displays and menus. These menus will help you get the most from your T2102B, guiding you through installation, channel selection, viewing and many other functions.

### NOTICE:

Using the buttons on the remote control can perform all functions. But using the buttons on the front panel can perform some of the functions.

This product support several types of memory cards such as SD/MMC/MS, since there are many memory card brands, it is recommended to test whether a card is compatible with this product. (Note; this product does not support illegal cards) If the card is inserted correctly and the startup picture is displayed but the card fails to read, it is recommended that you shut down and restart the unit or reformat the card before writing files onto it.

## QUICK GUIDE

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### Plug in your T2102B

You can use either an AC adapter or a rechargeable Li-ion battery as a power source for your T2102B.

**NOTICE !:** To ensure safety, please do not arbitrarily replace the power adapter, the T2102B only with the supplied AC adapter.



To use the AC adapter:

1. Plug one end of the power cord into the AC outlet.
2. Plug the cable attached to the AC adapter into the DC in port on the T2102B.

### Preparing the Remote Control

Before using the remote controller, you need to insert the supplied battery in order to enable communication between the T2102B and remote controller.

- To insert battery:

- Turn the remote controller over.
- Press in the tab and lift the battery cover up.
- Insert the supplied battery into the remote controller.
- Align the battery cover to the remote controller.
- Press down until the cover clicks into place.



**! If the remote controller does not operate properly, you may need to replace the battery. When the remote controller is not being used for extended periods of time, remove the batteries to avoid possible damage from battery leakage.**

## 1. PANELS


### 1.1 Front panel and side panels



1. Screen
2. SD/MMC/MS CARD jack
3. USB jack
4. Power switch

5. Power supply jack
6. VGA input jack
7. Video input jack (CVBS)
8. Audio input jack (white port is left)
9. Audio input jack (red port is right)
10. Speaker
11. Portable receiving antenna (the antenna jack can plug the accessorial antenna)
12. Infrared remote receiver and Indicators (Red, Green)
 

The states are shown as:

  - Blue – Machine turn on, no charge
  - Red – Machine turn on and charge battery, Machine turn off and charge battery
  - Null – Machine turn off or charge battery full.
13. Stand
14. Headphone jack
15. Front panel touch keys (include **CH+**, **CH-**, **VOL+**, **VOL-**, **OK**, , and **MODE**)

## 1.2 Front panel touch keys definition

**CH+:** Move up in the menus and change to the next channel in viewing mode.

**CH-:** Move down in the menus and change to the previous channel in viewing mode.

**VOL+** Move left /change settings in menus. Decrease the volume level in viewing mode.

**VOL-:** Move right /change settings in menus. Increase the volume level in viewing mode.

**OK:** To confirm a selection



: Press to open the menus /exit to go back to the topper menus.

**MODE:** Open the mode main menu; press again to shift between **DTV**, **ATV**, **AV**, **VGA**, and **Multimedia**.

**! If you touch the front panel keys and the key show blue light color for a wait.**

## 2. INTRODUCTION

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### 2.1 Check list

The box for your T2102B should contain the following items:

- The T2102B machine
- Owner's manual
- Remote control



Headphone



- Power supply adapter (AC adapter)



Car Power Adapter



- Accessorial Antenna



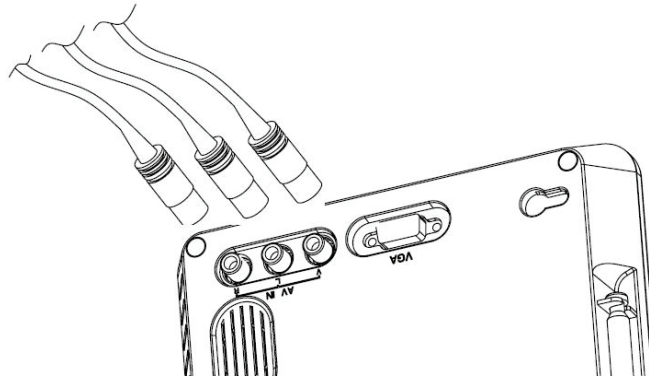
## 2.2 About transmission

Buildings, mountains and the surrounding terrain can block Radio and TV signals. Depending on whether the receiver is located in a valley, behind a mountain or in a concrete building, the quality of reception may vary considerably. As with most other transmissions, bad weather affects reception quality. We recommend use the accessorial long antenna instead of short antenna when the signal isn't good.

## 2.3 About the portable receiving antenna and accessorial antenna

- Use the antenna for UHF channels 21-69 for DVB-T, such as a directional antenna.
- If possible, place the antenna by the window and directed towards the TV transmitter.
- If possible, please use the power antennas.
- The strength of TV signal varies according to reflections from buildings or mountains. The signal penetrates thick stone or concrete walls poorly. However, a wooden building is not a big barrier to digital TV signals.

## 2.4 Connecting the T2102B to the TV

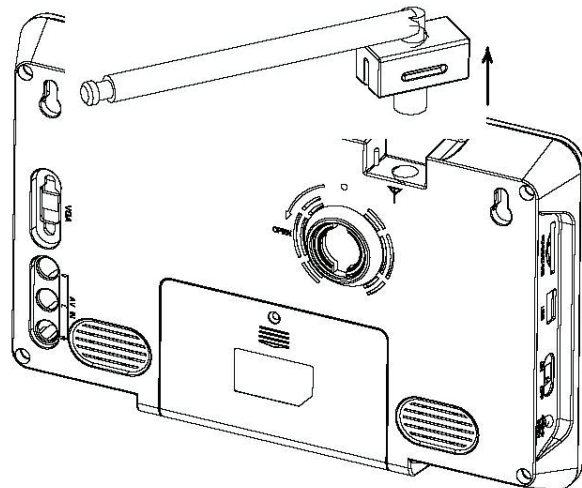


- Connect the T2102B AV input socket for video and audio.
- Connect the T2102B Headphone jack to the TV audio input socket for sound.

## 2.5 Connecting the accessorial antenna and the external antenna.

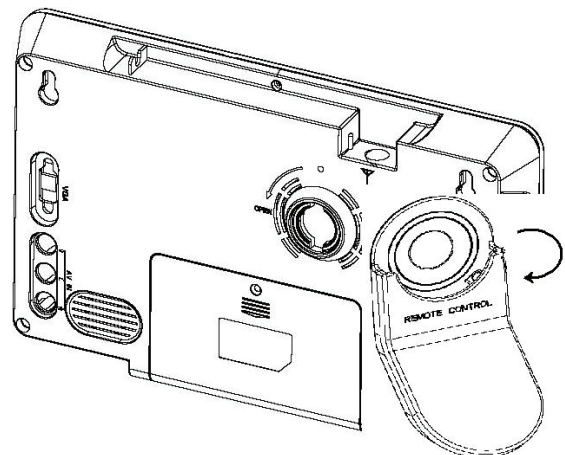
Align the telescopic antenna plug with the antenna jack on the TV set, and just plug in until its end.

If you use the external antenna, unplug the telescopic antenna plug, plug the attached antenna plug into the antenna jack on TV set.

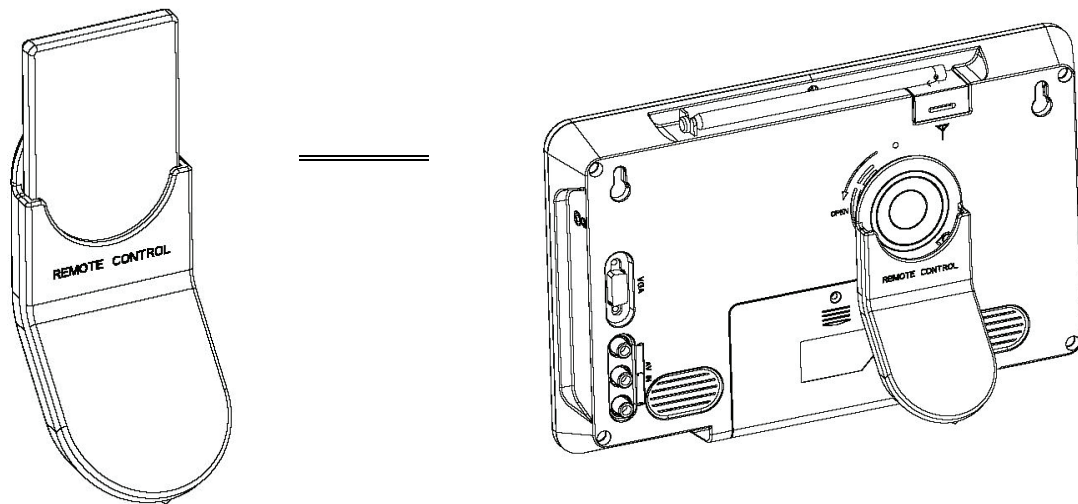


## 2. 6 Installing Stand

Insert the front end of the support to the slot on the back cover, and then rotate the base as illustrated in bottom, until the support is locked properly.



In order to storage remote control more expedient, insert the remote control to the slot on the back stand.



### 3. REMOTE CONTROL

#### 3.1 Definition

This section describes how to operate the T2102B using the buttons on the remote control.

**FAV** To operate the favorite channels (DVB and ATV Function mode)

**Mute** Press once to turn the sound off/on (mute/ unmute).

**16:9/4:3** Screen switch. (DTV ATV and AV Function mode)

**Mode** Press this button open the mode menu and press again to shift between Digital TV , Analogue TV, AV ,VGA and Multimedia.



**AUTO** Start auto search (At Digital TV and Analogue TV mode)

**Ok** To confirm a selection.

Or to open the channel list Menu. (At Digital TV and Analogue TV mode)

**Menu /Exit** Press to open the menus and press again to go back to the topper menu.



**Cursor up button**, move up in the menus and change to the next channel in viewing mode.



**Cursor down button**, move down in the menus and change to the previous channel in viewing mode.

**PIC** Press to open the picture mode menu.



**Cursor left button**, move left /change settings in menus. Decrease the volume level in viewing mode.



**Cursor right button**, move right /change settings in menus. Increase the volume level in viewing mode.

**0~9** Press to change the channel and to select individual menu options.

**LANG** Press to change the menu languages.

**TTX** Press to enter Teletext (if available) (only Digital TV Mode)

**INFO** Press to display the information of the current programs. (At Digital TV Mode)

**S.TIT** Press to display the subtitle of the current programs. (only Digital TV Mode)

**L/R** Press to change the sound channel (At Digital TV)  
Or audio mode ( At ATV, AV and VGA mode).

**EPG** Press this button to display Electronic Program Guide (only Digital TV Mode)

### 3.2 Preparing the remote control

Remove the cover from the battery compartment at the bottom of the remote control.  
Insert the battery, taking care to observe the “+” and “-” markings indicated inside.  
Replace the cover.

**! Attention:** This remote controller’s figure maybe different to the remote controller what you obtained. But the symbols and functions on the remote controller are the same as this figure.

The remote control range is 4M or less within a  $\pm 45^\circ$  horizontal and  $\pm 5^\circ$  vertical angle from the remote sensor. If the remote's battery is low, the remote may not function properly, so replacing the battery immediately is recommended.

## 4. NAVIGATING WITH MENUS

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### 4.1 Basic operation methods of TV set

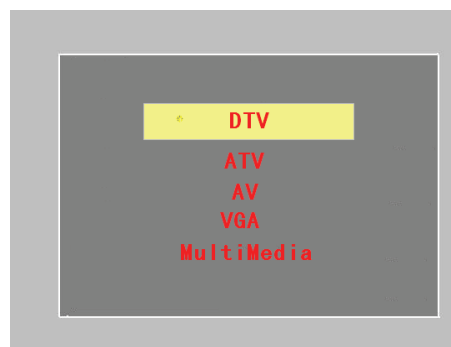
1. Connect with power supply and turn on the power switch. In normal status, the power light is red. If you only use the battery power supply, the light is blue.
2. Pull out telescopic antenna.
3. Press **up/down** cursor buttons to choose the desired channel.
4. Press **left/right** cursor buttons adjust the sound volume of the TV

**! Attention:** The following describes the functions of your T2102B while watching Analog TV and terrestrial digital TV. Some of the functions described here are dependent on the Service Provider and can only be used if they are included in the transmitted program information.

### 4.2 Digital TV and analog TV

#### 4.2.1 Menu summarize

You can open the main menu by pressing **Menu** key at the remote control or front panel. You can perform different settings enter menus at current mode. And you can press mode key display mode menu, you can press **up/down** cursor buttons to select mode which you want with **OK** button enter.



Display menu by pressing the Menu button; press the menu button again to go back to the top menu.

When menus are displayed, you can move the folders in horizontal directions with **left/right** cursor buttons.

#### 4.2.2 Menu definition

The Main menu includes following menu icons:





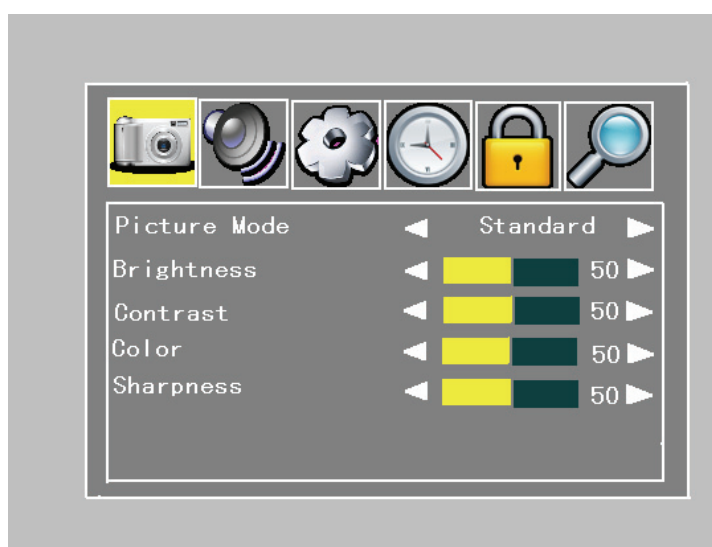
To use the **up/down** cursor buttons

You can enter the submenu list by pressing **right** cursor.

Exit the menu list by pressing **Menu**.



You can select how the picture mode shall be sorted. There are four sort mode (**personal**, **standard**, **dynamic** and **soft**.) are used here.



**Figure 4.2.1**

**Brightness:** Left/right cursor buttons adjust the brightness of the screen.

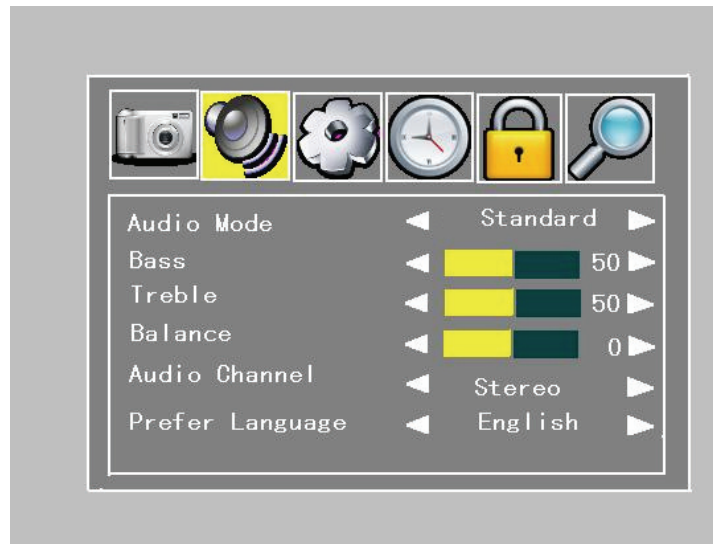
**Contrast:** adjust the contrast of the screen.

**Color:** adjust the color of the screen.

**Sharpness:** adjust the sharpness of the screen.



You can select how the audio mode shall be sorted. There are five sort mode (**personal**, **standard**, **music**, **movie** and **sports**.) are used here.



**Figure 4.2.2**

**Bass:** Left/right cursor buttons adjust the bass of the screen.

**Treble:** adjust the treble of the screen.

**Balance:** adjust the balance of the screen.

**Audio channel:** Left/right cursor buttons adjust the audio channel: **Stereo, L and R**

**Prefer Language:** Left/right cursor buttons adjust the prefer language: **English, German, Danish** and so on.

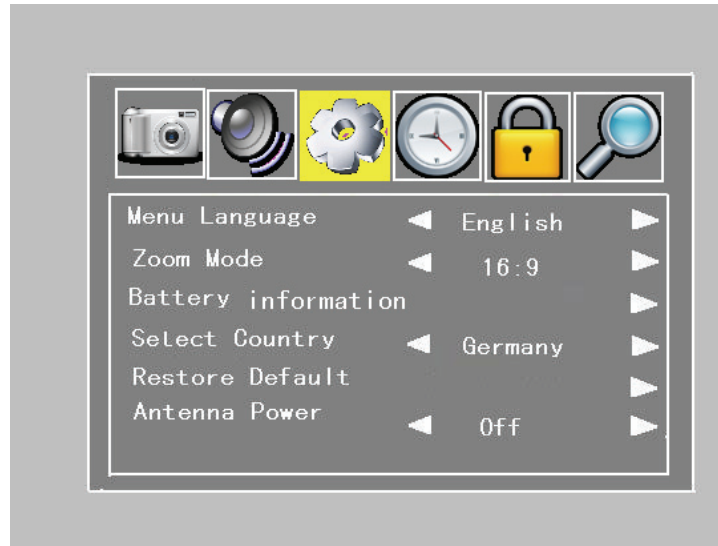
**! Audio Channel and Prefer Language** menus only DTV mode and the program signal must contain.



You can select Country and the menu Language at the standard of local TV system..

In order to fit the person of different countries, the **menu language** can be set to different languages (**English, Dutch, French, German, Italian, Portuguese, and Spanish**) The default language is **English**.

Here, you can set **zoom mode** and other too.



**Figure 4.2.3**

**Menu Language:** Left/right cursor buttons adjust the screen: **English, Dutch, French, German, Italian, Portuguese, Spanish .**

**Zoom Mode:** Left/right cursor buttons adjust the screen: **16:9, 4:3**

**Battery Information:** right cursor buttons enter the battery information.

! IF the Machine charge battery, the **Battery Information** menu can't select.

**Select Country:** Left/right cursor buttons adjust the screen: **Germany, French, Poland, Portugal, Russia** and so on

**Restore Default:** Press the **Left/right** cursor buttons to enter next step, and press **OK** key to come back the factory default.

**Antenna Power:** Left/right cursor buttons adjust the screen: **on, off**

! **Zoom Mode** only operated in **DTV, ATV** and **AV** mode.

If the machine turn on and used the outside power supplied or charge battery, the battery icon hide whenever on or off.

If use the power antenna, please press the **Left/right** cursor buttons to **ON**.



**: (Only DTV mode)**

Under the Time Setting menu, you can set the time zone here in order to correct current time zone where you are.

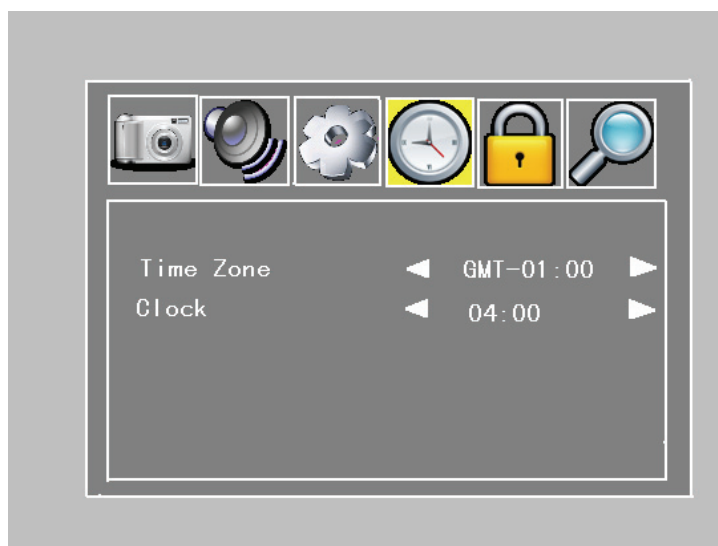


Figure 4.2.4

**! Clock setting** menu only **DTV** mode,



**: (Only DTV mode)**

To open this menu you will be asked to enter your access code. From the factory the access code is set to **0000**. After set, the access code has to be entered before you can watch locked channels and change the password.



Figure 4.2.5



**:( Under the DTV mode)**

Under the search menu, when you want to search for channels, a channel search procedure can be performed in different ways at **Automatic Search** and **Manual Search**. And you can edit favorite or skip channel lists in this menu.

If you edit channel favorite list ON, Press the **FAV** button can display the favorite List.

If you edit channel skip list ON, Press the CH+ or CH- don't choose the channel.

**DTV program:** press the **Left/right** cursor buttons adjust the screen: **DTV** or **RADIO**

If you choose the DTV, current channel only the video program

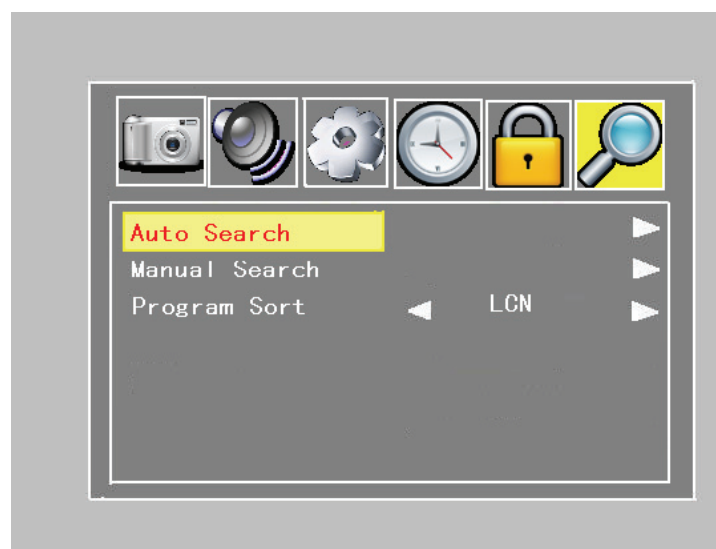
If you choose the **RADIO**, current channel only the radio program

**!if you current program is only the radio or video, and you want watch each other, please change the menu list.**



**Figure 4.2.6**

Under the **Program Search** menu, Use **right** cursor button enter the submenu:



**Figure 4.2.7**

The TV list may contain a lot of channels. To sort your own lists you can make it easier to handle channels by LCN, number and name.

Under the DTV mode you can edit the personal channel list.

Press the **OK** button, open the channel list icon, then press the **right** cursor button again into the sub-menu ,so you can write a number what you want order, then ago order list be changed.



Figure 4.2.8



:( Under the ATV mode)

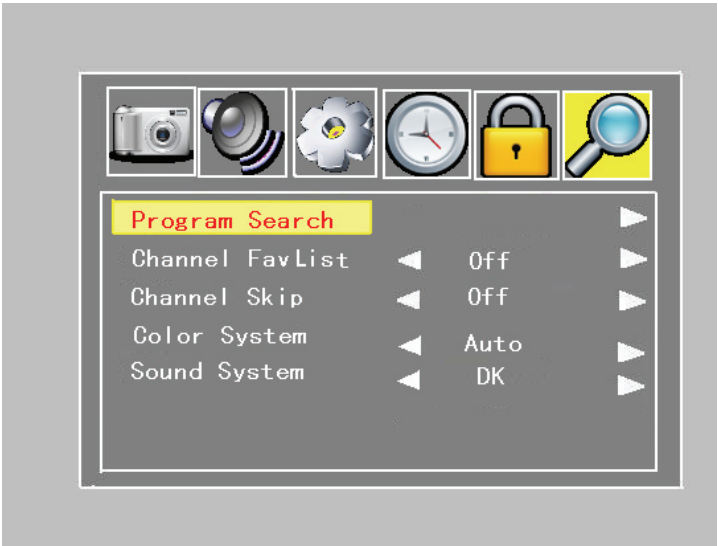


Figure 4.2.9

**Program Search** menu under the ATV mode only add color system and sound system submenu.

**Color System:** Left/right cursor buttons adjust the screen: **AUTO, PAL, SECAM**

**Sound System:** Left/right cursor buttons adjust the screen: **BG, DK, I, L**

! If the **Program List** menu does not exist . The system will automatically start the first time installation.



**Figure 4.2.10**

Press **OK** button to select **YES**;



**Figure 4.2.11**

Press **OK** button to select Country at the standard of local TV system .and Press **CH+/CH-** buttons to select other items. Set Language menu and **Time Zone** too.

! The region item is decided by the signal of different country's broadcasting companies.

### 4.2.3 Special Features at the DTV mode

#### Electronic Program Guide (EPG)

Pressing **EPG** key will open the EPG page. In the EPG you will find information about the programs for the current day and for the following seven days. (Provided that this information is included in the channel transmission from the distributor)

You may also select the type of program you want information about, like Movie, Sports or Music.

#### TELETEXT

Pressing **TTX** key will open a TTX page, if TTX is transmitted for that channel. Select TTX pages using the **TTX** buttons on the remote control.

You can also quickly move to the different page options shown on any page by pressing **cursor left/right**.

Sometimes a TTX page may contain sub-pages. When sub-pages are available, they are numbered on the lower part of the screen. To view a sub page, press **OK** when no page numbers have been highlighted. Move to the different sub-pages with **cursor left/right**.

! The program signal must contain **EPG** and **TTX** data.

### 4.3 Audio and video input

First just inset the plug of the external video cord into yellow jack, and left audio plug into the white port and right audio plug into the red port.

Press the **MODE** key to the AV mode, the screen display video play and music.

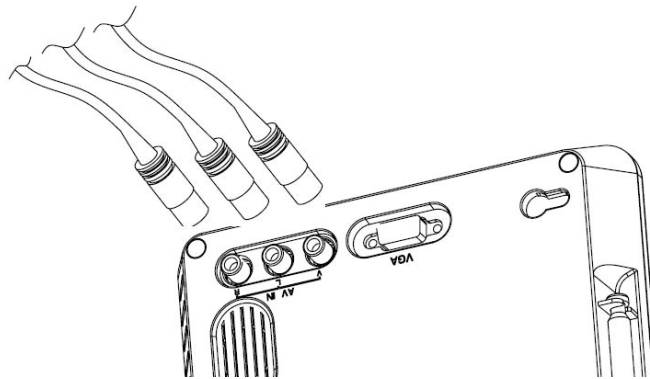


Figure 4.3.1

! **Attention:** in the AV and VGA mode the operate menu have a little difference compare with DTV and ATV mode.



## 4.4 Connect to PC

Just inset the connect cord to the VGA port of PC, and tighten the screws to keep good contact, then plug the other end of the cord to the VGA port of the TV set and tighten the screws as the same.

Then turn the mode to VGA, the screen display as the monitor.

**! Attention:** The VGA mode only support Standard is 640\*480 60Hz and 800\*600 60Hz.

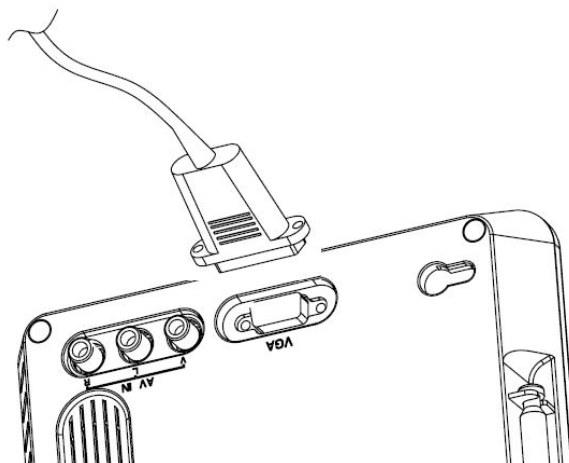


Figure 4.4.1

## 4.5 Multimedia

**! Attention:** Make sure the memory card into the right slot. If the card is improperly inserted, it may not function properly.

Press **Mode** key at the remote control or front panel, and Press **CH+/CH-** buttons to select **multimedia**, press **OK** button enter.

You can enter the icon by pressing **OK** key and pressing MENU key to go back to the topper Menu interface.

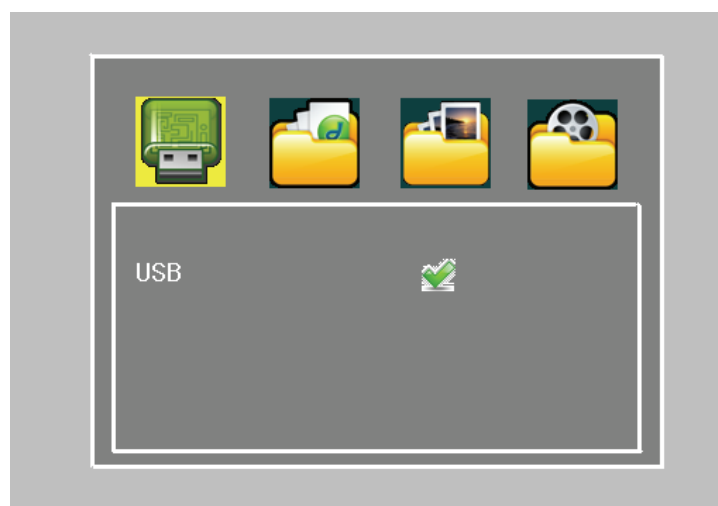
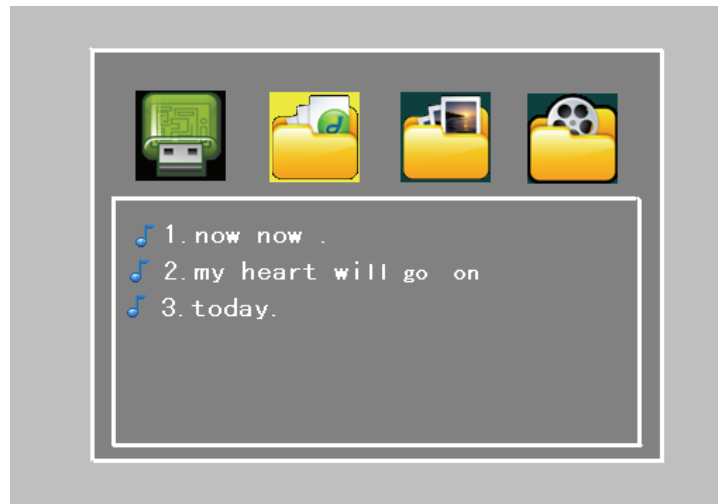


Figure 4.5.1

When you select memory equipment display reading fulfil, you can enter the icon by pressing **OK** key.

**Music:** At the function select interface, use the **VOL+/VOL-** to move the cursor to icon and press OK key enter.



**Figure 4.5.2**

In the music play interface, choose the file and press OK key playing. And press **VOL+** key to music control submenu. Press **menu** key to return main interface.



**Figure 4.5.3**

**Photo:** At the function select interface, use the **VOL+/VOL-** to move the cursor to icon and press OK key enter.



Press **CH+/CH-** buttons to move the cursor to picture and press OK key enter, during the picture view mode, press **VOL+** key to photo control submenu. And then play the pictures which in current directory automatically.



Figure 4.5.4



**Movie:** At the function select interface, use the **VOL+/VOL-** to move the cursor to icon and use the **CH+/CH-** to choose the file and press **OK** key playing.

In the video play interface, choose the file and press **OK** key playing. During movie playing, Press **VOL+** key to video control submenu, and use the **VOL+/VOL-** to choose the preview or next file. And press **MENU** to return main interface.

During the movie playing, press **PIC** button, you can adjust the color, bright, and so on.

And press the **16:9/4:3** button you can change the movie size small screen or full screen.

**!movie playing default is full screen.**

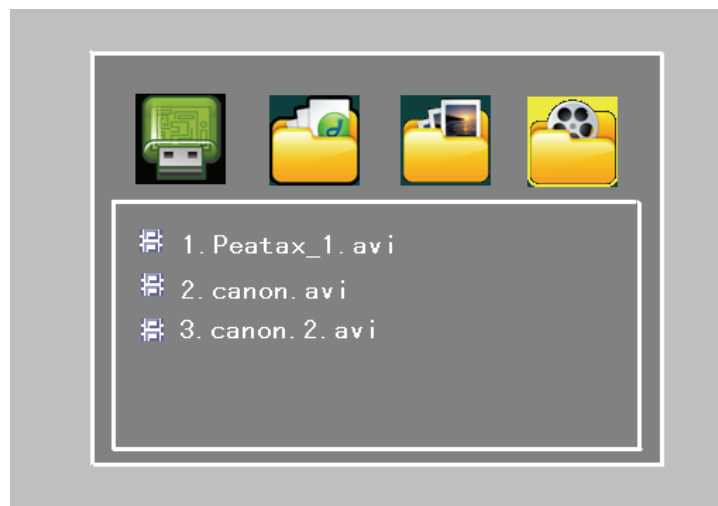


Figure 4.5.5

## **5. MAINTENANCE**

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### **5.1 Handling your T2102B**

1. Do not drop the machine or heavy objects on top of the T2102B
2. Do not place the machine in a location subject to: Heat sources, such as radiators or air ducts,
3. Direct sunlight, Excessive dust, Moisture or rain, Mechanical vibration or shock, Strong magnets or speakers that are not magnetically shielded, Ambient temperature of more than 35 °C or less than 5 °C and High humidity.
4. Do not place electronic equipment near the machine. The electromagnetic field of the machine may cause a malfunction.
5. Provide adequate air circulation to prevent internal heat from building up. Do not place the machine on porous surfaces such as rugs or blankets, or near material such as curtains or draperies that may block its ventilation slots.
6. The machine uses high-frequency radio signals and may cause interference to radio or TV reception. If this occurs, relocate the machine a suitable distance away from the set.
7. Use only specified peripheral equipment and interface cables; otherwise, problems may occur.
8. Do not use cut or damaged connection cables.
9. If the machine is brought directly from a cold location to a warm one, moisture may condense inside the machine, In this case, allow at least one hour before turning on the machine, if any problems occur, unplug the machine and contact an authorized Service Centre. To find the nearest centre or agent, visit the online support Web site.
10. Make sure you disconnect the power cord before cleaning the machine.

### **5.2 Considerations about the screen**

1. Please read the details of this guidebook before using, and store safely in case use another day.
2. You may see tiny black points and/or bright points (red, blue, or green) that continuously appear on the LCD. LCD has a very few (0.01%) unlit pixels and always lit pixels. You may also see distortion in colours or brightness depending on your perspective. This is a normal result of the manufacturing process and does not indicate a malfunction.
3. The LCD is manufactured using high-precision technology, do not apply a strong shock or drop it. Do not disassemble or refit yourself.
4. Do not exert pressure on LCD screen. The LCD that is made from glass may be broken by pressure.
5. Do not place your LCD in a location subject to direct sunlight or excessively high temperature. This may cause a malfunction.
6. Do not place your LCD in a location subject to mechanical vibrations or in an unstable location.

7. Do not place use a moist cloth to wipe the LCD. Liquid may cause a malfunction if it leaks into your LCD.
8. Do not place or drop any object onto the LCD. Also, do not apply any force to the LCD. If the liquid leaves out, please use soap and clean water to clean.
9. If you bring your LCD from a cold location to a warm one, moisture may condense on the LCD. In such a case, wipe off the moisture before using your LCD. It is recommended to use tissue papers to wipe off the moisture. If the LCD surface is still not warm enough, moisture may condense again. Leave LCD until its surface is warmed up to the ambient temperature. Do not use alcohol, gas or chemistry reagent to wipe.
10. Close LCD after use or during in malfunction. Please switch off power in case safe.
11. If you have any questions, please contact our company.

### **5.3 Cleaning recommendations**

1. To clean the cover, take care the machine is disconnected.
2. Do not use scented hydrocarbons or chloride solvents. Such products may attack the plastics used in the construction of the cover. The cover should be cleaned by means of a light solution of detergent and water applied with a soft cloth. Dry thoroughly before using the system again.
3. Do not used for the cleaning of the front panel, alcohol or its derivatives, these products can attack the mechanical properties of the materials and diminish their useful time of life.

### **5.4 Care the power source**

1. Refer the online specifications to check the power operation of your machine.
2. Do not share the AC outlet with other power-consuming equipment, such as a photocopier or shredder.
3. You can purchase a power strip with a surge protector. This device prevents damage to the machine caused by sudden power surges, in an electrical storm.
4. Do not place heavy objects on the power cord.
5. To disconnect the cord, pull it out by the plug.
6. Unplug the machine from the AC outlet if you are planning to not use the machine for a long time.
7. Make sure that AC outlet is easily accessible.
8. When the AC adapter is not used, unplug it from the AC outlet.
9. Use the AC adapter supplied with the machine or authorized products. Do not use any other AC adapter as it may cause a malfunction.

### **5.5 Care battery**

1. Battery life is shorter in a cold environment. This is due to decreased battery efficiency at low temperatures.

2. Charge the batteries at temperatures between 10 °C to 30 °C. Low temperatures require a long charging time.
3. This machine is designed to operate only with special batteries. The battery design for only professional or Service Provider can open. Do not open or try to disassemble the battery cover on the back yourself.
4. While the battery is in use or being charged, the battery pack heats up. This normal and is not cause concern.
5. When the battery indicated iron on the screen flashes or when you have not used the battery for a long time, you need to recharge the battery.
6. If the battery power is still low after charging it, the battery may be reaching the end of its life and should be replaced. Please contact your dealer or Service Provider.

## 5.6 About the headphone using

1. Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play loud music while walking, especially at pedestrian crossings.
2. Avoid using headphones at high volume. Hearing experts advise and against continuous, loud and extended play. If you experience a ringing in your ears, reduce the volume or discontinue use.

## 6. TROUBLESHOOTING

Problem	Possible causes	What to do
The LED does not light up/is not lit.	<p>Mains cable is not connected.</p> <p>The battery isn't installed or need to recharge.</p> <p>Condensed fluid may cause the machine to malfunction.</p>	<p>Check that the mains cable is plugged into the power socket</p> <p>Make sure the battery is installed properly and charged.</p> <p>Reattach the AC adapter and reinstall the battery, and press the power button to turn on the machine.</p> <p>Do not use the machine for at least one hour if</p>

		there are some condensed fluids in it.
The screen is close and power LED is on.	Battery exhausted.	Change battery.
The remote control is not working.	Battery exhausted. Remote control is incorrectly aimed	Change battery. Aim the remote control at box. Check that nothing blocks the front panel.
Don't display the <b>subtitle</b>	The program signal no <b>subtitle</b> date The subtitle don't open or signal too weak	Try press the S.TIT button open the subtitle. Make sure the signal is good
When the machine tries to find and store channels you get the message "No signal"  When only very few of the expected number of channels are found.	The aerial is not properly connected to the machine.  The aerial is not correctly directed towards the transmitter.  The aerial is not suitable for digital channels.  The signal is too weak for the connected aerial.  There are no terrestrial digital transmissions in the area.	Check the aerial installation including its connections.  Check that the aerial is directed towards the transmitters.  Check that digital transmissions are available in the area.  If things does not work out as they should, let the local TV dealer check whether the aerial is intended for receiving digital transmissions or not. If not you have to exchange the aerial.
During the channel searching process, the buttons or remote controller's keys are insensitive.	Since the channel searching process use a lot of system resource, the system scan keys or buttons will become very slow.	Try press buttons or remote controller's keys several times.
Can't play the music file correctly  Can't play the video.	The file is damaged or code is wrong  The format of the video doesn't compatible or file has damaged.	Change the right files.  The max bit-rate of the video is 8Mbps.

Picture or video doesn't full screen	The resolution of the files not suitable	Change the files
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**Note: If you have tried all of the actions suggested above, without solving the problem, please contact your dealer or Service Provider.**

## 7. TECHNICAL SPECIFICATIONS

<b>LCD Panel</b>	LCD Model Size	10.1-inch Digital TFT LCD
	Active area	219.6(W) × 131.76(H) mm
	Resolution	800*RGB x480
<b>Digital television</b>	RF input impedance	75Ω imbalance
	RF input Frequency	VHF High: 177.5MHz ~ 226.5MHz UHF: 474MHz ~ 858MHz
	RF input level range	−20dBm ~ −78dBm
	Demodulation	OFDM 2K and 8K, QPSK 16QAM, 64QAM
<b>Analogue television</b>	Supported systems	PAL—D/K、B/G、I、 SECAM—D/K、B/G、L
	RF input impedance	75Ω imbalance
	RF input Frequency	VHF Low: 48.25MHz ~ 160.25MHz VHF High: 168.25MHz ~ 456.25MHz UHF: 464.25MHz ~ 863.25MHz
<b>AV input</b>	CVBS input level range	1.0Vp-p/75Ω
	Supported CVBS systems	PAL, NTSC, AUTO
<b>VGA input</b>	Supported VGA Format	640*480 60Hz 800*600 60Hz
	VGA input level range	H SYNC; 3.3~5.0Vp-p V SYNC; 3.3~5.0Vp-p RGB: 1Vp-p
<b>Photo Playback</b>	Format	JEPG(EXIF,JFIF, baseline sequential DCT)
	Max. resolution	12 Mega-pixel
<b>Audio Playback</b>	File Format	(Sample Rate 44.1kHz Bit Rate 32k-320kbps)



Video Playback	Coding Format	Video	Audio
		AVI (MPEG4 ASP (Level 5))	AUDIO (MP2,AC3,PCM)
	Max. resolution	720 x 560	
	Bit rate	≤4Mbps(In Cards)	
Memory Support	USB	2.0 (only Host)	
	SD/MMC/MS Card	Max. card capacity 2GB	
Insert Battery	Connect	3000Ma/h 7.4V	
External power supply	input	100V~240V±10%, 50~60Hz 0.55AMAX	
	Power consumption	≤18W	
	DC power to the T2102B	9V 2A	
	Operating temperature	0°C to +40°C	
	Storage temperature	-20°C to +65°C 25% to 75% rel. humidity	
	Front panel	Seven touch keys	
	Dimensions (w×d×t)	286mm×178mm×39.5mm	

### Trademark Statement

The product names mentioned in this manual only serve for identification, and they may be the registered trademarks or copyright of other companies. The rest of the companies, products, or service names involved in this manual may all be the trademarks or service logos of the relevant holders

here the following statement:

1. SD logo is a registered trademark.
2. Multi Media Card is the trademark of Infineon Technologies AG of Germany, and it has been authorized to Multi Media Card Association(MMCA)
3. The rest of the companies, products, or service names involved in this manual may all be the trademarks or service logos of the relevant holders.

## **Company Statement**

- Our company hereby promises to users that the warranty period of our T2102B series products shall be valid within 12 months starting from the date of purchase (the warranty period of the batteries within the television shall be 6 months), and our company shall be responsible for providing free maintenance and repair for failures caused by non-human factors in normal use, and our company shall provide maintenance for failures exceeding the warranty period or caused by human factors, and shall charge the expenses of repair materials and related expenses.

- Our company shall not bear any responsibility for any damage or loss resulting from failing to operate the television according to the operation manual.

- Our company shall not bear any responsibility for any loss or claim for compensation caused by the use of this product by a third party.

- The product specifications and information mentioned in this manual are for reference only, and the contents shall be subject to updating at any time without further notice.



# Product Warranty

**Subject to the warranty repair conditions below, in addition to any applicable statutory warranties this product is warranted for 12 months from the original date of purchase covering both parts and labour.**

The benefits conferred by this warranty are in addition to and not in derogation of all rights and remedies in respect of this product which the consumer has under the Trade Practices Act and other State and Territory laws.

## Warranty Repair Conditions

- A.** This Product Warranty only applies provided the product:-
- Has been purchased in Australia and sold by Authorised Distributors or Dealers and only where the products are used and serviced within Australia
  - Is taken for service when required to an Authorised Service Agent, together with written instructions indicating specific problem or function requiring investigation.
  - Has valid proof of purchase and presented when warranty service is requested.
  - Has only been used in a domestic application.
  - Has been installed and operated in accordance as noted in the operating instructions under normal use and reasonable care (in the opinion of the Service Centre).
  - Has not been damaged by the use of accessories which in the opinion of the Service Centre are defective or incompatible with the product.
  - Has not been tampered with or repaired (including unauthorised alterations) by anyone other than the AWA Service Centre or an Authorised Service Centre.
- B.** This Product Warranty does not cover:-
- Damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accidental damage, misuse, neglect, build-up of dirt or dust abuse, wear and tear, maladjustment of customer controls, mains supply problems, thunderstorm activity or Acts of God, pixel error, infestation by insects or vermin, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
  - Mileage or travelling time in respect of service outside the authorised AWA Service Centre nor pick up and delivery cost incurred.
  - Service calls arising from failure to correctly operate the product or to observe noted instructions, or repair which reveals the product is in normal working order.
  - Cabinet parts, user replacement batteries or leads unless the defective items are reported at the time of purchase.
- C.** Service calls only apply to Television display devices (CRT, LCD, Plasma) with screen sizes greater than 59cm in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centers.
- D.** Requested service visits to the customer premises will be made during normal working hours of the customary working week upon request by the customer. Where such a visit is made on a day arranged by the customer and the service technician is unable to obtain access to the product, the Service Centre will be entitled to make a separate charge for service call fee, time and distance travelled.
- E.** The AWA Service Centre and its Authorised Service Centres may charge for work done where the product is found to be in good working order. Example, charges may be made where the problem is found to be due to incorrect setting of customer controls, use of poor associated equipment (e.g. poor antenna systems) or the inability of the product to operate with faulty or incompatible equipment.
- F.** If the product is sent to an Authorised Service Centre, the owner is responsible for the cost of transport to and from the Service Centre. In addition, the product is at the owners risk while in transit to and from the authorised Service Centre.
- G.** No person is authorised to make or give any assertions, statements or undertakings, whether expressed or implied about the product other than or additional to the terms of this warranty.

**Please read instruction manual carefully**  
Should you encounter any problems?

**Please contact Telefix for Warranty Support**  
**1300 366 144**

Email: [warrantyhelp@awa.com.au](mailto:warrantyhelp@awa.com.au)

The original proof of purchase must be kept and produced for service requirements under this Product Warranty.



